

ECS Configuration Change Request

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Page(s)

1. Originator Rajesh Dharra	2. Log Date: 28 SEP 00	3. CCR #: 00-0950	4. Rev: A	5. Tel: (301) 925-0498	6. Rm #: 3204E	7. Dept. Rel. Dev
8. CCR Title: Upgrade Functionality lab string1 machines from IRIX 6.2 to IRIX 6.5.6 to support 6A integration testing.						
9. Originator Signature/Date Rajesh Dharra 9/28/00			10. Class	11. Type: CCR	12. Need Date: 9/29/00	
13. Office Manager Signature/Date AA 10.2.00			14. Category of Change: EDF (RTSC)		15. Priority: (If "Emergency" fill in Block 28). Emergency	
16. Documentation/Drawings Impacted: N/A			17. Schedule Impact: N/A		18. CI(s) Affected:	
19. Release Affected by this Change: 5B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other:						
23. Problem: (use additional Sheets if necessary) This CCR is a revision to previously submitted and approved CCR 00-0950. In order to support IRIX 6.5 transition in functionality lab string1, following recommendations are to be accommodated. (1) Add atleast 8 or more GB of disk space on comanche. (Two 4 GB DISK or one 9GB disk) (2) On Kidnaped, RAID clean up required to increase more disk space (Previously submitted CCR 00-0790 pending). (3) Identify clone disk to be used for IRIX transition. (4) upgrade COTS for IRIX6.5.6 (List is provided in the ECO) for Kidnaped, Juror2, kickapoo, hopi and origin						
24. Proposed Solution: (use additional sheets if necessary) (1) Add atleast 8 or more GB of disk space on comanche. (2) On Kidnaped, RAID cleanup required to increase more disk space (Previously submitted CCR 00-0790 pending). (3) Identify clone disk to be used for IRIX transition, will be returned back within 4 to 6 weeks after successful string1 IRIX 6.5.6 transition. (4) Add specified COTS (listed in the ECO) for Kidnaped, Juror2, kickapoo, hopi and origin						
25. Alternate Solution: (use additional sheets if necessary) N/A						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) IRIX 6.5.6 transition would suffer further delay						
27. Justification for Emergency (If Block 15 is "Emergency"): 6A integration testing which is already behind schedule (3 to 4 weeks) will suffer further delay if this work is not completed in next week or so.						
28. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Rajesh Dharra Oct 2 2000		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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ORIGINAL

ECS/EDF/SCDV/M&O

ADDITIONAL SHEET

CCR #: **Rev:** **Originator:** Rajesh Dhanra

Telephone: X0498 **Office:** Rel Development

Title of Change:

The Goals

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1. Convert OPS, SMC5B, and FRT modes in string 1 to Irix6.5
2. Keep DEV04 at Irix6.2 (will be the single Irix6.2 mode)
3. Add a new Irix6.5 mode called DEV03 (for sockets pre-integration)
4. Move custom code off science procs ready for Irix6.5.9m upgrade

The Plan

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1. Add Hopi to the lab and upgrade to Irix6.5.6m to act as a science proc
2. Upgrade Origin to Irix6.5.6m to act as a science proc (later upgrade Hopi and Origin to Irix 6.5.9m)
2. Fix Kidnaped's RAID (it's currently offline) and rebuild the machine, upgrading to Irix6.5.6m
3. Upgrade Juror2 and Kickapoo to Irix6.5.6m

The Progress

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1. Origin has been upgraded (thanks to Kevin "Sleepless in Landover" Lange).
2. The Juror2 and Kickapoo upgrades can't be done until the lab can permit the downtime. This will be earliest Oct 7th.
3. We plan to complete all work except the Juror2 and Kickapoo upgrades prior to next Friday, Oct 6th.

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